ULOU

OIPE

RAW SEQUENCE LISTING DATE: 01/15/2002 PATENT APPLICATION: US/10/023,889 TIME: 18:04:25

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Input Set : A:\PTO.VSK.txt
Output Set: N:\CRF3\01152002\J023889.raw
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3 <110> APPLICANT: CANFIELD, William 5 <120> TITLE OF INVENTION: METHODS OF PRODUCING HIGH MANNOSE GLYCOPROTEINS IN COMPLEX CARBOHYDRATE ENTERED DEFICIENT CELLS 6 8 <130> FILE REFERENCE: 203512US77 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/023,889 C--> 10 <141> CURRENT FILING DATE: 2001-12-21 10 <160> NUMBER OF SEQ ID NOS: 21 12 <170> SOFTWARE: PatentIn version 3.1 14 <210> SEQ ID NO: 1 15 <211> LENGTH: 3600 16 <212> TYPE: DNA 17 <213> ORGANISM: hybrid 19 <400> SEQUENCE: 1 20 atggagacag acacactcct gctatgggta ctgctgctct gggttccagg ttccactggt 60 22 gacgaagate aggtagatee geggttaate gacggtaage ttageegaga teaataceat 120 24 gttttgtttg attoctatag agacaatatt gotggaaagt cotttcagaa toggotttgt 180 26 ctgcccatgc cgattgacgt tgtttacacc tgggtgaatg gcacagatct tgaactactg 240 28 aaggaactac agcaggtcag agaacagatg gaggaggagc agaaagcaat gagagaaatc 300 360 30 cttgggaaaa acacaacgga acctactaag aagagtgaga agcagttaga gtgtttgcta 32 acacactgca ttaaggtgcc aatgcttgtc ctggacccag ccctgccagc caacatcacc 420 34 ctgaaggacc tgccatctct ttatccttct tttcattctg ccagtgacat tttcaatqtt 480 36 gcaaaaccaa aaaacccttc taccaatgtc tcagttgttg tttttgacag tactaaggat 540 38 gttgaagatg cccactctgg actgcttaaa ggaaatagca gacagacagt atggaggggc 600 40 tacttgacaa cagataaaga agtccctgga ttagtgctaa tgcaagattt ggctttcctg 660 42 agtggatttc caccaacatt caaggaaaca aatcaactaa aaacaaaatt gccagaaaat 720 44 ctttcctcta aagtcaaact gttgcagttg tattcagagg ccagtgtagc gcttctaaaa 780 46 ctgaataacc ccaaggattt tcaagaattg aataagcaaa ctaagaagaa catgaccatt 840 48 gatggaaaag aactgaccat aagtcctgca tatttattat gggatctgag cgccatcagc 900 50 cagtetaage aggatgaaga catetetgee agtegttttg aagataaega agaaetgagg 960 52 tactcattgc gatctatcga gaggcatgca ccatgggttc ggaatatttt cattgtcacc 1020 54 aacgggcaga ttccatcctg gctgaacctt gacaatcctc gagtgacaat agtaacacac 1080 56 caggatgttt ttcgaaattt gagccacttg cctaccttta gttcacctgc tattgaaagt 1140 58 cacgttcatc gcatcgaagg gctgtcccag aagtttattt acctaaatga tgatgtcatg 1200 60 tttgggaagg atgtctggcc agatgatttt tacagtcact ccaaaggcca gaaggtttat 1260 62 ttgacatggc ctgtgccaaa ctgtgccgag ggctgcccag gttcctggat taaggatggc 1320 64 tattgtgaca aggettgtaa taatteagee tgegattggg atggtgggga ttgetetgga 1380 66 aacagtggag ggagtcgcta tattgcagga ggtggaggta ctgggagtat tggagttgga 1440 68 cagecetgge agtittggtgg aggaataaac agtgtetett actgtaatea gggatgtgeg 1500 70 aattoctggc tegetgataa gttetgtgac caagcatgca atgtettgte etgtgggttt 1560 72 gatgctggcg actgtgggca agatcatttt catgaattgt ataaagtgat ccttctccca 1620 74 aaccagactc actatattat tccaaaaggt gaatgcctgc cttatttcag ctttgcagaa 1680 76 gtagccaaaa gaggagttga aggtgcctat agtgacaatc caataattcg acatgcttct 1740 78 attgccaaca agtggaaaac catccacctc ataatgcaca gtggaatgaa tgccaccaca 1800 80 atacatttta atctcacgtt tcaaaataca aacgatgaag agttcaaaat gcagataaca 1860 82 gtggaggtgg acacaaggga gggaccaaaa ctgaattcta cggcccagaa gggttacgaa 1920

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Input Set : A:\PTO.VSK.txt-

Output Set: N:\CRF3\01152002\J023889.raw

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Output Set: N:\CRF3\01152002\J023889.raw

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		Thr	T.17.0	Aen		Glu	Acn	λla	His			Lou	Lou	Tvc		
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		Glv		Val	T.e.ii	Met	Gln			Δla	Dha	T.Qu		G117	Dho	Pro
201		210	пси	VUL	neu	Met	215	тэр	neu	AIU	FILE	220	Ser	GTA	Pile	PIO
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		Thr	Lvs		Asn	Met	Thr	Tle	Asp	Glv	Lvs	Glu	Len		alT	Sar
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Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF3\01152002\J023889.raw

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Output Set: N:\CRF3\01152002\J023889.raw

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Use of n and/or Xaa has been detected in the Sequence Listing, review the Sequence Listing to insure a corresponding explanation is presented in the <220> to <223> fields of each sequence using n or Xaa.



VERIFICATION SUMMARY

PATENT APPLICATION: US/10/023,889

DATE: 01/15/2002 TIME: 18:04:26

Input Set : A:\PTO.VSK.txt

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L:10 M:270 C: Current Application Number differs, Replaced Current Application No L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:1640 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11

L:1926 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15

L:1930 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 L:1932 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15